CZECHOSLOVAKIA / INDIA

TRIVEDI, B.; VOLICER, L.; MOTL, O.; Institute of Organic and Biological Chemistry, Czechoslovak Academy of Sciences (Ustav Organicke Chemie a Biochemie CSAV), Prague; Pharmacological Institute, Czechoslovak Academy of Sciences (Farmakologicky Ustav CSAV), Prague.

"A Spasmolytic Substance Obtained From the Drug "Tang-kuej" (Angelica Sinensis Diels)."

Prague, Ceskoslovenska Farmacie, Vol 15, No 4, May 66, pp 206-209

Abstract /Authors' English summary modified 7: Pharmacological action of chloroform, ethanol, and light petroleum extracts from the Chinese drug "tang-kuej" was investigated. The light petroleum extract has a spasmolytic, analgesic, central depressant, and hypothermic effect. Ligustilid was identified as the active substance in the spasmolytic effect. Ethanol extract was as active as the light petroleum extract; chloroform extract was less active. 3 Figures, 2 Tables, 3 Mestern, 1 Czech, 5 Japanese, 5 Chinese references. (Manuscript received 18 May 65).

1/1

L 13212-66
ACC NR: AP6006100 SOURCE CODE: CZ/0053/65/014/004/0319/0320
AUTHOR: Volicer, L.; Motl, O.; Trivedi, B.
ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav); Institute of Organic Chemistry and Biochemistry, CSAV, Prague (Ustav organicke chemie a biochemie CSAV)
TITLE: Pharmacology of extracts from Angelica sinensis and isolation of ligustilid [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]
SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 319-320
TOPIC TACS: processed plant product, pharmaceutical, drug, lactone, pharmacology,
ABSTRACT: "Tang kuej", an ancient Chinese remedy for dysmenorrhea and related diseases is probably prepared from the root of Angelica sinensis Diels. and from this plant the authors isolated an unsaturated bicyclic lactone with potent spasmolytic effect in vitro and in vivo. Orig. art. has: 1 figure. [JPRS]
SUB CODE: 06 / SUBM DATE: none / OTH REF: 004
jrn
Card 1/1

VOLICER, L.

Angiotensin. Cesk. farm. 14 no.8:431-437 0 165.

1. Farmakologicky ustav Ceskoslovenske akademie ved, Praha.

WOLICER, Ladislav, Doc. MUDr Roentgenologic diagnosis of internal biliary fistulas. Cas.lek. cesk. 91 no.48:1433-1435 28 Nov 52. 1. Ze IV. vnitrni klin. K. U. Prednosta: prof. dr. B. Prusik. (BILIARY TRACT, fistula, internal, diag., x-ray) (FISTULA, biliary internal, x-ray diag.)

VOLICER, Ladislav, doc., MUDr.

Industrial accidents in railroad transportation. Zel dop tech 10 no.10:292-293 '62.

VOLICER, L., JANKU, I., MOTL, O.

Some central effects of schizandra chinensis extract, Activ, nerv. sup. 5 no.2:165-166 My *63.

l. Farmakologicky ustav CSAV, Praha - Ustav organicke chemie a biochemie, Praha. (CENTRAL NERVOUS SYSTEM) (NICOTINE)

(ANALEPTICS) (AMPHETAMINE)
(METHYLPHENIDATE)

CZECHOSLOVAKIA

SVIHOVEC, J.; <u>VOLICER</u>, L.; BABEJ, M.; Chair of Pharmacology (Katedra Farmakologie) FDL [Abbreviation not explained], Pharmacological Institute, Czechoslovak Academy of Sciences (Farmakologicky Ustav CSAV), Prague.

"The Influence of Reservine on the Pressor Effect of Angiotensin, Noradrenalin, and Tyramine."

Prague, Ceskoslovenska Fysiologie, Vol 15, No 5, Sep 66, p 395

Abstract: The pressor effect of angiotensin (AT), noradrenalin (NA), and of tyramine (TY) was investigated on reserpinized dogs. Reserpinization increased the pressor effect of AT and NA, but decreased that of TY. An infusion of NA in reserpinized dogs somewhat increased the effect of AT, and completely restored the effect of TY. Infusion of AT did not change the effect of NA. Reserpinization did not affect the action of AT and NA on heart beat frequency, but eliminated the action of TY on normal tachycardia. 2 Western, 1 Japanese reference. Submitted at 11 Days of Pharmacology at Smolenice 15 Feb 66.

1/1

BACHURIN, I. (Rostov-na-Donu); VOLICHENKO, A., kand.ekon.nauk, dotsent (Rostov-na-Donu); MISHCHENKO, V., starshiy prepodavatel (Rostov-na-Donu)

CONTRACTOR OF THE PROPERTY OF

The money-box has been stolen. Izobr.i rats. no.5:28 My 162.

(MIRA 15:5)

1. Nachal'nik planovogo byuro upravleniya snabzheniya zavoda

Rostsel'mash (for Bachurin). 2. Rostovskiy institut sel'khozmashinostroyeniya (for Volichenko, Mishchenko).

(Rostov-on- Don--Agricultural machinery industry)

VOLICHENKO, A. (Rostov-na-Donu); BACHURIN, I. (Rostov-na-Donu)

THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

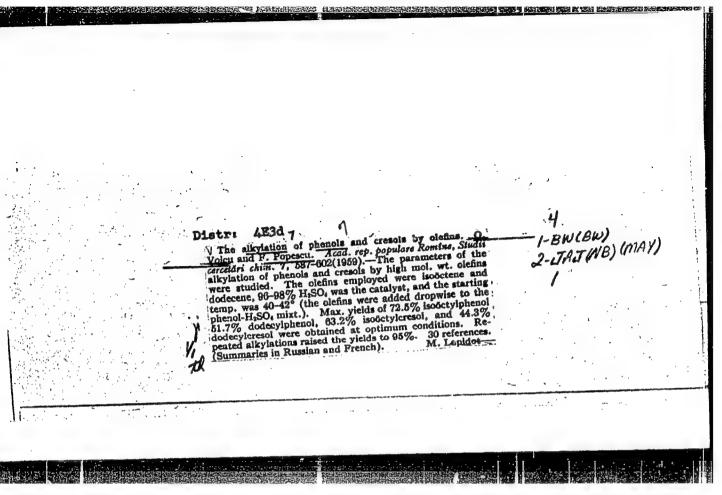
"Bureau of economic analysis staffed with volunteers" by P.A. Zhukov, V.I.Ganshtak; "Volunteer economists in the effort to utilize the potentials of production." Reviewed by A.Volichenko, I.Bachurin. Vop. ekon. no.8:133-135 Ag '62. (MIRA 15:8) (Ural Mountain region-Industrial management) (Zhukov, P.A.) (Ganshtak, V.I.)

VOLICHENKO, Aleksandr Leont'yevich; TOROFCHIN, N. H., red.

[Plant and the State Berk] Zavod i Otsana.

Donu, Rostovskoe knizhnoz izd-vo, 196... 7 .

(MIRA 18:3)



VOLIDINA, M. A.

Nametkin, S. S., Volidina, M. A., "Studies in the field of Isomeric Conversions." VII. Dehydration of Diphenylcyclopentylcarbinol and Diphenylcyclohexylcarbinol." (p. 2033)
(Chem Lab, Moscow State Univ)

SO: <u>Journal of General Chemistry</u>, (Zhurnal Obshchei Khimii), 1948, Volume 18, (80), No. 11

VOLICHENKO, A.

Control system of the State Bank over wage funds of industrial . enterprises. Den.i kred. 17 no.4:31-35/Ap 159.

(MIRA 12:8)

(Banks and banking) (Wages)

L 13234-66 EWT(m)/EWP(1)/EWA(c) ACC NR: AP6006056 SOURCE CODE: CZ/0053/65/014/004/0300/0300 AUTHOR: Krsiak, M.; Janku, I.; Volicer, L. ORG: Institute of Pharmacology, CSAV, Prague (Farmakologicky ustav CSAV) TITLE: Correlation of some central effects of 6-azauracil and its riboside [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.] SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 300 TOPIC TAGS: heterocyclic base compound, conditioned reflex, drug effect, pharmacology, nervous system drug Morganic nitrogen compound, carbohydrate AESTRACT: Both azauracil and azauracil riboside had conditioned reflex-facilitating effect, also induced motor incoordination and analgesia; an antinicotinic effect was present at the lowest dose and apparently specific; the base was stronger than SUB CODE: 06 / SUBM DATE: none / ORIG REF: 004 / OTH REF:

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VOLIK, A.

A second profession. MTO 3 no.12:40 D '61. (MIRA 15:1)

 Predsedatel' soveta nauchno-tekhnicheskogo obshchestva tresta Chernomorgidrostroy, g. Odessa. (Odessa—Building—Technological innovations)

- 1. V'IIK, A. D.: Inzh.
- 2. USSE (600)
- 4. Tanks
- Pneumatic indicator of slurry tank level.
 TSement 18 No. 1, 1952
- 9a. Monthly List of Russian Accessions, Library Of Congress, June 1952. Unclassified.

LYSENKO, A.T.; VOLIK, A.F.

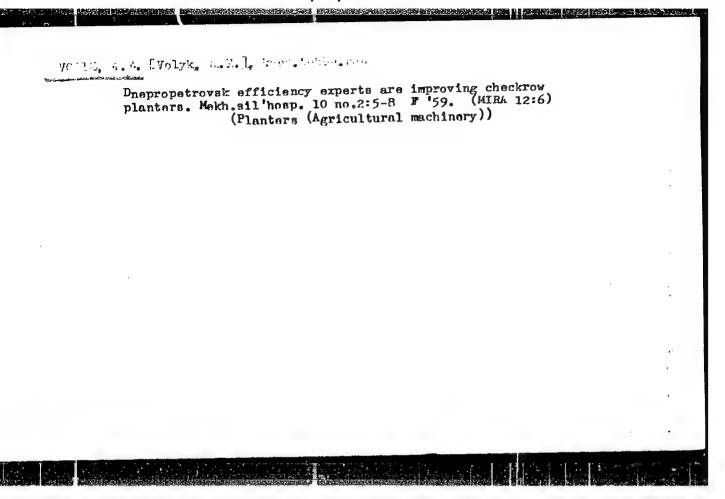
Continuous harvesting. Zemledelie 26 no.7:40-43 Jl '64. (MIRA 18:7)

1. Dnepropetrovskiy sel'skokhozyaystvennyy institut.

VOLIK, A.F., dotsent

Basis for the parameters of a high-speed checkrow planter. Mekh.i elek.sots.sel'khoz. 20 no.4:24-26 '62. (MIRA 15:8)

1. Dnepropetrovskiy sel'skokhozyaystvennyy institut. (Planters (Agricultural machinery))



VOLIK, A. F.

VOLIK, A. F.- "Investigation of Mechanical-Technological Foundations of the Operation of Square-socket Sowing Machines." Min of Higher Education USSR, Ukraine Order of Labor Red Banner Agricultural Acad, Kiev, 1953 (Dissertations For Degree of Candidate of Technical Sciences)

SO: Knizhmaya Letopis! No. 26, June 1955, Moscow

Use of high-speed harvester. Mekh. sil'. hosp. 13 no.8:3-4 ig '62.

(Harvesting machinery)

(Harvesting machinery)

VCLIK, A.G., inzh.; GUREVICH, D.Ye., inzh.; LAVRINOVICH, Ye.V., kand. tekhn. nauk; SAVINOV, O.A., doktor tekhn. nauk

Glue concrete joints of pipe piles. Transp. stroi. 15 no.5:49-51
My '65.

(MIRA 18:7)

1. Chernomorgidrostroy (for Volik, Gurevich). 2. Vsesoyuznyy nauchnoissledovatel'skiy institut gidrotekhnicheskikh i sanitarno-tekhnicheskikh rabot (for Lavrinovich, Savinov).

VOLIK, A.G., inzh.; PETRENKO, I.P., inzh.

Use of epoxy resins in ship repair. Transp. stroi. 12 no.5:31-32

My '62. (Epoxy resins)

(Ships—Maintenance and repair)

GUREVICH, D.Ye.; VOLIK, A.G. Construction of pier-type moorings. Transp. stroi. 13 no.2:23-27 F '63. (MIRA I (MIRA 16:3)

 Glavnyy tekhnolog Chernomorgidrostroya (for Gurevich).
 Nachal'nik tekhnicheskogo otdela Chernomorgidrostroya (for Volik). (Precast concrete construction) (Piers)

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VOLIK, A.G., inzh.

Hydraulic unit for tensing reinforcement for pile-shells with a diameter of 600 mm. Transp. stroi. 14 no.4:49-50 Ap 164.

(MIRA 17:9)

VOLIK, A.G., inzh.; SHEKHTERMAN, Sh.Sh., inzh.

Device for cutting the heads of piles. Transp. stroi. 14
no.10:21-23 0 '64. (MTRA 18:3)

VOLIK, A.G., inzh.; PETRENKO, I.P., inzh.

Anchoring pontoon with piling. Transp. stroi. 12 no.3:52 Mr (MIRA 16:11)

VOLIK, A.G., inzh.

Hydraulic unit for tensioning reinforcements of shells with a diameter of 1.6 m. Transp. stroi. 14 no.5:53-54 My '64. (MIRA 18:11)

GUREVICH, D.Ye., inzh.; VOLIK, A.G., inzh.

Asphalt and concrete mattresses for strengthening the underwater slopes of rivers and reservoirs. Transp.stroi. 14 no.12:19-22 D *64. (MIRA 19:1)

VOLIK, A.G., inzh.

Truck for transporting parts in the repair of automotive machinery.

Transp. stroi. 12 no.6:54 Je '62. (MIRA 15:6)

(Hand trucks)

CUREVICH, D.Ye., inzh.; VOLIK, A.G., inzh.

Raise the level of prefabrication of hydraulic structures in open roadsteads. Transp. stroi. 12 no.2:26-27 F *62. (MIRA 15:7) (Hydraulic structures) (Precast concrete construction)

VOLIK, A.G., inzh.

Equipment for prestressing the reinforcement of reinforced concrete piles. Transp. stroi. 11 no.5:22-24 My 16.

(MIRA 14:6)

(Prestressed concrete) (Concrete piling)

VOLIF, A.G., inzh.

Construction of a precast mooring quay in the commercial harbor of Mikolayev. Transp. stroi. 10 no.10:26-28 0 '60. (MIRA 13:10) (Nikolayev--Docks)

VOLIK, A.G.: MEL'NIKOV, P.S.

Preventing leaks when installing the bottoms of caissons. Transp. stroi. 12 no.12:50 D '62. (MIRA 16:1)

1. Nachal'nik tekhnicheskogo otdela Chernomorgidrostroya (for Volik). (Caissons)

VOLIK, A.L.

Drilling practices in the Kuban. Neftianik 7 no.4:8 Ap '62. (MIRA 15:11)

1. Nachal'nik otdela bureniya Upravleniya neftyanoy i gazovoy promyshlennosti Krasnodarskogo soveta narodnogo khozyaystva.

(Kuban-Oil well drilling)

KARAYEV, Ali-Ovsat; VOLIK, Aleksey Lukich; KOL'TSOV, Oleg Pavlovich; BUYANOVSKIY, N.I., red.; KAESHKOVA, S.M., ved. red.; YAKOVIEVA, Z.I., tekhn. red.

[Drilling oil and gas wells; practice of the petroleum workers of Krasnodar Territory]Burenie neftianykh i gazovykh skvazhin; opyt neftianikov Krasnodarskogo kraia. Moskva, Gostoptekhizdat, 1962. 170 p.

(Krasnodar Territory—Oil well drilling)

MELASHFNKO, I.P., kand.tekhn.nauk; VOLIK, A.S., inzh.

Study of overheating and transient impedance of SOK-15 and SOM-19 metal ceramic contactors in short-term and continuous operation.

Elektrotekhnika 36 no.3:34-36 Mr 165. (MIRA 18:6)

L 00940-67 EWT(m)/EWP(t)/ETI IJP(c) JD
ACC NR: AP6021060 (A, N) SOURCE CODE: UR/0292/66/000/003/0041/0044

AUTHOR: Melashenko, I. P. (Candidate of technical sciences);

Volik, A. S. (Engineer)

72

ORG: none

TITLE: Metal-ceramic contacts operating under intermittent-continuous conditions

SOURCE: Elektrotekhnika, no. 3, 1966, 41-44

TOPIC TAGS: electric control motel ceramic control, selver

ABSTRACT: Contact resistance and temperature rise, for various contact pressures (2, 5, 10, 20 g/amp) between silver and <u>SN40</u> composition sphere-to-plane contact pieces, were experimentally investigated. Simultaneously, 96 contact pairs were tested; cycle duration, 11-13 hrs; of them, actual current

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UDG: 621.318.066.6:669.22.001.2

L 09940-67 ACC NR: AP6021060

flow for 7 hrs; overall test time of each pair, 350 hrs. Initial temperature rise: 40C (140 amp) and 80C (240 amp). Findings: (1) Silver contacts current-heated from 35C to 94C at pressures of 2-20 g/amp have a low and stable contact resistance; however, at higher temperatures silver contacts may prove unreliable due to the changed mechanical characteristics of the metal; (2) Composition SN40 contacts current-heated from 40C to 165C are reliable at pressures of 5-20 g/amp; at 2 g/amp, they are unreliable; 165C is regarded as the upper temperature limit for these contacts. Orig. art. has: 9 figures and 1 table.

SUB CODE: 09 /, SUBM DATE: none / ORIG REF: 003

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860510011-8" L 2257-66

ACCESSION NR: AP5008326

S/0103/65/026/003/0539/0544

AUTHOR: Volik, B. G. (Mcscow)

TIME: Dynamic characteristics of the pipeline which is a part of a heat-process control loop

SOURCE: Avtomatika i telemekhanika, v. 26, no. 3, 1965, 539-544

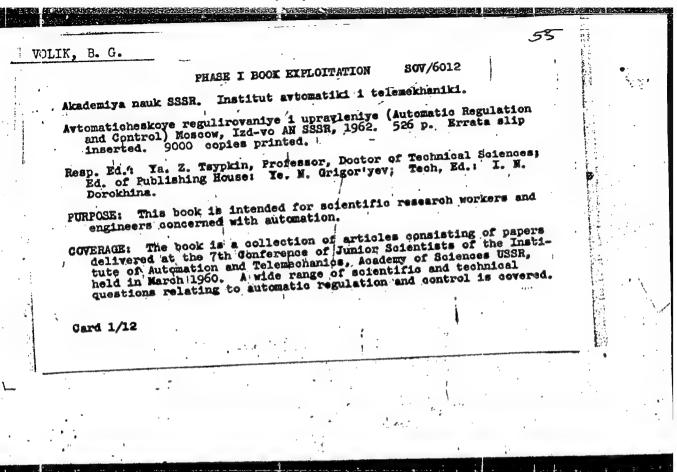
TOPIC TAGS: heat process control, pipeline dynamic characteristic

ABSTRACT: Formulas are developed for the transfer functions of a fluid-carrying pipeline with (26) and without (25) taking into account pipe-wall heat conduction. The formulas are obtained by Laplace-transforming the heat-balance equations for a dx element of the pipe. Both cases are compared in the form of a ratio of their amplitude-frequency characteristics; this ratio increases with thicker wall, longer pipe, and lower speed of the fluid. The findings are claimed to be applicable to control-system piping, two-loop nuclear-power piping, etc.

Mine author wishes to thank S. I. Bernshteyn and G. L. Polyak for their valuable comments in discussing the results. Orig. art. has: 2 figures and 50 formulas.

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Automatic Regulation (Cont.)

The articles are organized in seven sections, including automatic control systems, automatic process control, computing and decision-making devices, automation components and devices, statistical methods in automation, theory of relay circuits and finite automatic systems, and automated electric drives. No personalities are mentioned. References are given at the end of each article.

TARLE OF CONTENTS:

PART I. AUTOMATIC CONTROL SYSTEMS

Andreyohikov, B. I. The effect of dry friction and slippage [play] on error during reverse gear operation of serve-feed systems

Andreyohikov, B. I. Dynamic accuracy of machine teels with programmed centrol

	6
Automatic Regulation (Cont.)	SOV/6012
Babunashvili, T. G. On dissipation in-the dimensional nonautonomous and nonlinear system	-large in three- autoregulation 22
Buyanov, B. B. Investigation of optimal of ior a section-mill flying shear	control system 28
Bocharov, I. N. Analyzer for distribution random processes in the infralow frequency	n curves of ency region 36
Butkovskiy, A. G. On the optimal control	of processes 43
Volik, B. G. Automatic optimizer for chemprocess control	nical production 52
Gradetskiy, B. G., and Yu. I. Ostrovskiy. lation of an extremal control system for maximum in the presence of noise into	saturing prorage
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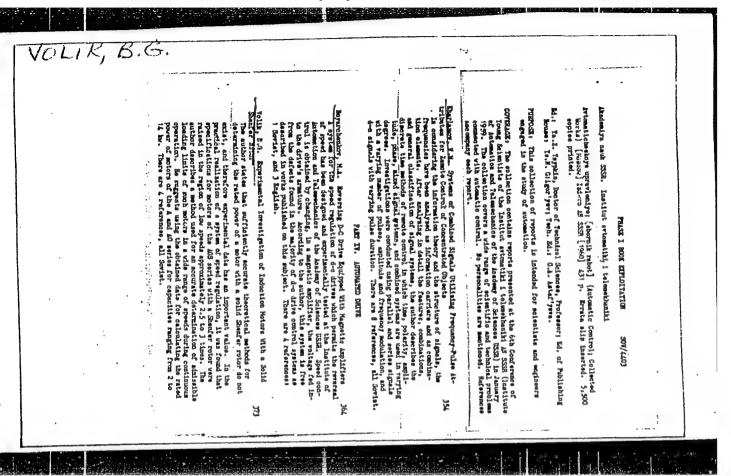
ABRAMOV, F. A., prof.; BERENSHTEYN, S. I., kand. tekhn. nauk; VOLIK,
B. G., mladshiy nauchnyy sotrudnik

Pneumatic apparatus for automatically maintaining constant pressure in underground mines. Izv. vys. ucheb. zav.; gor. zhur. no.10:149-153 %61. (MIRA 15:10)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema (for Abramov). 2. Institut avtomatiki i telemekhaniki AN SSSR (for Berenshtoyn, Volik). Rekomendovana kafedroy gornoy elektrotekhniki Dnepropetrovskogo gornogo instituta.

(Mining engineering—Equipment and supplies)
(Atmospheric prossure)

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ABRAMOV, F. A., prof.; BERENSHTEYN, S. I., kand. tekhn. nauk; VOLIK, B. G., mladshiy nauchnyy sotrudnik

Pneumatic apparatus for automatically maintaining constant pressure in underground mines. Izv. vys. ucheb. zav.; gor. zhur. no.10:149-153 '61. (MIRA 15:10)

1. Dnepropetrovskiy ordena Trudovogo Krasnogo Znameni gornyy institut imeni Artema (for Abramov). 2. Institut avtomatiki i telemakhaniki AN SSSR (for Berenshteyn, Volik). Rekomendovana kafedroy gornoy elektrotekhmiki Dnepropetrovskogo gornogo instituta.

(Mining engineering—Equipment and supplies)
(Atmospheric pressure)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860510011-8"

VOLIK, F. E. (Veterinary Doctor, Melitopol'sk Inter-District Veterinary Bacteriological Laboratory, Zaporozh'e Oblast', Ukrainian SSR). (Abstracted by V. A. ALIKAYEV)

"Simplified method of determining carotene in the liver, the blood and eggs..."
Veterinariya, vol. 39, no. 2, February 1962 pp. 80

VOLIK, F. E., (Veterinary Surgeons, ,elitopol' Veterinary Eact rislagical Labo atory)

Certain problems in diagnosis of list riosis

Vet rinariya vol. 38, no. 7, July 1961 P 82.

VOLIK, F.Ye., veterin.vrach

Inoculation methods in the bacteriological diagnosis of listeriosis. Veterinaria 41 no.3:98-99 Mr *65. (MIRA 18:4)

l. Melitopol'skaya veterinarnaya laboratoriya Zaporozhskoy oblasti.

KLESMET, O.I.; VOLIK, F.Ye., veter. vrach; MAKRUSHIN, P.V., kand. veter. nauk; LOZHKIN, N.I., kand. biolog. nauk; NIKOL'SKIY, B.S., nauchnyy sotrudnik

Laboratory practice. Veterinariia 38 no.7:80-84 Jl *61. (MIRA 16:8)

1. Respublikanskaya veterinarno-bakteriologicheskaya laboratoriya Latviyskoy SSR (for Klesmet). 2. Veterinarno-bakteriologicheskaya laboratoriya, Melitopol' (for Volik). 3. Saratovskiy zooveterinarnyy institut (for Makrushin). 4. Vsesoyuznyy institut eksperimental'noy veterinarii (for Lozhkin, Nikol'skiy).

(Listeriosis) (Aureomycin) (Milk-Analysis and examination)

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860510011-8"

VOLIK, I.

Work experience of a district committee trade union. Sov.profsoluzy
3 no.2:142-44 F 155.

1. Instruktor Tak profsoyuza finansovo-bankovskikh rabotnikov. (Vasil'yevka District-Trade unions)

VOLIK, N. D.

Belt conveyor drying apparatus for the vegetable drying industry. Moskva, Pishchepromizdat, 1954. 158 p. (54-41071)

TP363.V6

VOLIK, M.S., uchitel'

Procedure for setting up structural for wlae of inorganic compounds. Khim. v shkole 16 no.1:63-64 Ja-F '61. (MIRA 14:1)

1. Srednyaya shkola No.1, g.Ust!-Labinsk. (Chemistry-Notation)

VOLIK, N. D.

Lentochnyye konveyernyye sushilki ovoshchesushil'noy promyshlennosti (Belt conveyor drying apparatus for the vegetable drying industry, by) N. D. Volik i T. N. Masakin. Moskva, Pishchepromizdat, 1954. 158 p. illus., diagrs., tables. Bibliography: p. (156)

SO: N/5 741.94 .V9

VOITK, N.D.

VOLIK, N.D.; NASAKIN, T.N.; LYKOV, M.V., kandidat tekhnicheskikh nauk, redaktor.

[Belt conveyor drying apparatus for the vegetable drying industry]
Lentochnye konveiernye sushilki ovoshchesushil'noi promyshlennosti.
Moskva, Pishchepromizdat, 1954. 158 p. (MLRA 7:7)
(Drying apparatus) (Vegetables—Evaporation)

NASAKIN, T.N.; VOLIK, N.D.

Experience of the Mosalsk Dried Vegetable Plant in storing potatoes in surface silos. Kons.i ov.prom. 18 no.5:25-28 My 163.

1. TSentral'nyy nauchno-issledovatel'skiy institut konservnoy i ovoshchesushil'noy promyshlennosti.

(Potatoes—Storage)

[Conveyer-type steam drying apparatus for the food industry]
Parovye lentochnye sushilki pishchevoi promyshlennosti. 2..
perer. i dop. izd. Moskva, Pishchepromizdat, 1958. 207 p.
(Drying apparatus)

(MIRA 12:6)

VOLIK, R.N., inzh.

Volumetric weight of the light components of grain mixtures.

Mekh. i elek. sots. sel'khoz. 21 no.5:54 '63. (MIRA 17:1)

1. Sibirskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta mekhanizatsii sel'skogo khozyaystva.

VCLIK, R.N.

Stirring up a layer of loose material under the action of vibration. Nauch. trudy SibViM no.1:114..127 %3.

(MIRA 17:3)

KEKUKH, A.M.; VOLIK, V.D.

Agrometeorological conditions for best sowing in the northeast of the Ukrainian S.S.R. and their role in chemization. Trudy Ukr NIGMI no.49:63-76 165. (MIRA 18:8)

VCLIK, V.F., kand. ekonom. nauk

Ways for increasing the effectiveness of growing corn on drained lands. Gidr. i mel. 15 no.6:9-14 Je '63. (MIRA 16:8)

l. Ukrainskiy nauchno-issledovatel'skiy institut gidro-tekhniki i melioratsii.

VOLIK, V.Ya.

Experimental morphological study of the innervation of the inguinal lymph nodes in the dog. Biul. eksp. biol. i med. 53 no.2:111-114 F '62. (MIRA 15:3)

l. Iz kafedry gistologii (zav. - prof. N.D. Zaytsev) i normal'noy anatomii (zav. - prof. F.A. Volynskiy) Odesskogo gosudarstvennogo meditsinskogo instituta imeni N.I. Pirogova. Predstavlena deystvitel'nym chlenom AMN SSSR N.A. Krayevskim. (LYMPHATICS—INNERVATION)

VOLIK, V.Ya.

Levelopment of the nervous apparatus of inguinal lymphatic nodes in man. Arkh. anat., gist. i embr. 48 no.5:34-39 My 165.

(MIRA 19:1)

1. Kafedra gistologii (zav. - prof. N.D. Zaytsev) Odesskogo gosu-darstvennogo meditsinskogo instituta imeni N.I. Firogova. Submitted July 8, 1963.

VOLIK, V. YE.

"Prophylaxis of avitaminosis in poultry."

Veterinariya, Vol. 37, No. 6, 1960, p. 65

Vet Dr. - Melitopol'

VOLIK, Ye. K.

"The Purification and Concentration of the Antianthrax and Antierysipelas of Immune Sera," Trudy Nauchno-Kontrol'nogo Instituta Veterinarnykh Preparatov, No.3, pp. 156-64, 1952

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VOLIK, Ye. K. and PLOTNIKOVA, V. A.

"The Depth Method of Cultivating Bacterial Cultures for Obtaining Biological Preparations," Trudy Nauchno-kontrol'nogo Instituta Eeterinarykh Preparatov, No.3, pp. 241-52, 1952

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"Extraction of Immune Sera from the Blood-Forming Elements of the Blood of Producers," Trydu Nauchno-kontrol'nogo Instituta Veterinarnykh Preparatov, No.3, pp. 261-63, 1952



VOLIK, Ye. K.

"The Subsurface Method of Growing Pathogenic Micro-organisms and Its Use in Producing Veterinary Biological Preparations." Dr Vet Sci, All-Union Inst of Experimental Veterinary Medicine, Moscow, 1953. (RZhBiol, No 6, Nov 54)

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SO: Sum. No. 521, 2 Jun 55



APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860510011-8"

VOLIK, Ye.K., kandidat veterinarnykh nauk.

Scientific basis and principles of culturing microorganisms by the sub-surface method and its utilization in biological industry. Trudy Gos. nauch.-kont.inst.vet.prep. 4:46-59 '53. (MLRA 7:10) (Bacteriology--Cultures and culture media)

VOLIK, Ye.K., kandidat veterinarnykh nauk.

Practical methods of utilizing and feeding producers of immunogenic serums. Trudy Gos.nauch.-kont.inst.vet.prep. 4:257-268 '53.(MLRA 7:10) (Serum) (Laboratory animals)

VOLIK, Ye.K., doktor veterinarnykh nauk; NIKOLAYEVA, Ye.Ya., mladshiy mauchnyy sotrudnik.

Bactericidal action of ultraviolet lamps. Veterinariia 34 no.8:81-82 Ag 57. (MIRA 10:9)

l. Gosudarstvennyy nauchno-kontrol'nyy institut veterinarnykh preparatov Ministerstva sel'skogo khozyaystva SSSR, (Ultraviolet rays--Physiological effect)

VOLIK, Yu.P.

Cooling dies in hot-forging on crank presses. Avt. pron. 31 no.8:42-44 Ag 165. (MIRA 18:8)

1. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy promyshlennosti.

VOLIK, Yu.P., inzh.

Automatic transfer devices. Mekh.i avtom.proizv. 16 no.2:34-41 F '62. (MIRA 17:3)

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YERMOLAYEV, Ye.N.; CHESNOKOV, V.K.; VOLIK, Yu.P.

Ejection devices for drop-forging presses manufacturing crankshafts.

Avt. prom. 27 no. 5:38-41 My '61. (MIRA 14:5)

l. Nauchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy promyshlennosti.

(Power presses) (Crankshafts)

VOLIK, Yu.P.; BOYTSOV, V.V.

Bottom stripping system in impact extrusion. Kuz.-shtam. proizv. 3 no.1:40-43 Ja 61. (MIRA 14:1)

VOLIK, Yuriy Prokof'yevich; YERMOLAYEV, Yevgeniy Nikolayevich; CHESNOKOV, Viktor Kuz'mich; STEL'MAKOV, S.M., red.; FREGER, D.P., red. izd-va; BELOGUROVA, I.A., tekhn. red.

[Ejecting device for forging on crankshaft presses: stenographic record of a lecture course] Vytalkivaiushchie ustroistva pri shtampovke na krivoshipnykh goriacheshtampovochnykh pressakh; stenogramma lektsii. Leningrad, 1962. 26 p.

(Forging) (Power presses) (MIRA 15:

APPROVED FOR RELEASE: 08/09/2001 CIA-RDP86-00513R001860510011-8"

VOLIK, Yu.P.; BOYTSOV, V.V.; SAVIN, A.M.

Stamping automobile crosspiece forgings in sectional dies.

avt.prom. 23 no.4:39-42 Ap '62. (MIRA 15:4)

1. Neuchno-issledovatel'skiy tekhnologicheskiy institut avtomobil'noy promyshlennosti.

(Dies (Metalworking))

VOLIKOV, A.A.

BERKUTOV, A.N., polkovnik med. sluzhby, prof.; VOLIKOV, A.A., podpolkovnik med. sluzhby, kand. med. nauk; SMETANIN, L.A., major med. sluzhby

Potentiated anesthesia and hypothermia under clinical conditions and the possibility of using them under field conditions. Voen. med. (ANESTHESIA. (MIRA 12:7)

potentiated, in clin. & military field cond. (Rus))

in surg. in clin. & military field cond. (Rus))
(MEDICINE, MILITARY AND NAVAL.
hypothermia & potentiated anesth. in military clin. &

VOLIKOV. A.A., kandidat meditsinskikh nauk

VERTICE AR

Clinical use of Russian curere-simplants in endotracheal gas and ether anesthesia. Vest.khir.74 no.8:10-18 D '54.(MLRA 8:10)

1. Iz kliniki obshchey khirurgii (nach prof. V.I.Popov) Voyennomeditsinskoy ordena Lenina akademii im. S.M.Kirova. Adres avtora; Leningrad 9, pr. K. Marksa, d.5, kv.3. (MUSCLE RELAXANTS,

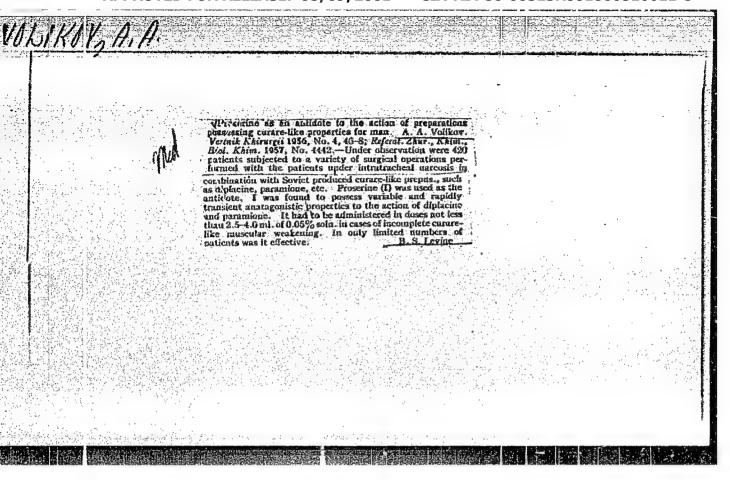
in anesht.endotracheal)
(ANESTHESIA, ENDOTRACHEAL,
adjuvants, musc.relaxants)

VOLIKOV. A.A.

Two cases of tumors of the carotid gland. Khirurgiia, no.11:55-58 (MIRA 9:6)

1. Iz kafedry obshchey khirurgii (nach.-general-mayor meditsinskoy sluzhby prof. V.I. Popov) Voyenno-meditsinskoy akademii imeni S.

(CAROTID BCDY, neoplasms surg. & pathol.)



VOLIKOV, A.A., kandidat meditsinskikh nauk (Leningrad, pr. Karla Marksa, d.3, kv.3); FILIN, V.I., kandidat meditsinskikh nauk

Modern forms of general anesthesia in surgery of abdominal viscera [with summary in English, p.158] Vest.khir. 77 no.8:3-17 Ag '56.

(MIRA 9:10)

1. Iz kafedry voyenno-polevoy khirurgii (nach. - prof.A.N.Berkutov) i kafedry obshchey khirurgii (nach. - prof. V.I.Popov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(AHDOMEN, surg. endotracheal anesth.) (ANESTHESIA, ENDOTRACHEAL in abdom. surg.)

OLIKOY, A. H.

"The Use of Potentiated Anesthetization and Hypothermia in the Treatment of Patients With Severe Traumatic Injuries," by Prof A. N. Berkutov, A. A. Volikov, Candidate of Medical Sciences; and L. A. Smetanin, Clinic of Battlefield Surgery (head, Prof A. N. Berkutov), Military Medical Order of Lenin Academy imeni S. M. Kirov, Vestnik Khirurgii imeni Grekova, Vol 77, No 9, Sep 56, pp 19-28

The authors, basing their conclusion on 96 operations for severe traumatic injuries, think that massive blood transfusion is the best method to overcome the shock of seriously injured patients in third-degree shock, and that neuroplegic drugs combined with local anesthesia and especially potentiated ether-oxygen narcosis and hypothermia are very effective methods for shock treatment.

The more severe the condition of the patient and the more prolonged the surgical intervention is to be, the more one is forced to resort to potentiated ether-oxygen intratracheal anesthesia.

Hypothermia is best applied in cases of extremely severe and extensive injuries and in cases of marked injuries to the respiratory mechanism and hemodynamics. (U)

54M.1374

VOLIKOV, A.A.

146. Successful Method of Resuscitation of Patient Frozen for 10 Hours at 180°C'

In the article, "Resuscitation of a Person From a Freezing Condition," A. A. Volikov, Candidate of Medical Sciences of the Clinic of Military Field Surgery, Military Medical Academy imeni S. M. Kirov, mentions that the chief factor in the pathogenesis of general supercooling, according to the opinion of many scientists, including A. L. Izbinskiy, is hypoxia of tissues, especially the brain tissue. Hypoxia is accompanied by profound disturbances in nervous regulation (especially cerebral cortex regulation) and carbohydrate and other types of metabolism. This hypoxia is most acute when body temperature is between 29 and 27°C, for at this temperature the metabolic rate is 200% or more while oxygen tension is decreased to half it is coxygen requirement of tissues seem most advantageous in resuscitating irozen victims.

The author describes a method using neuroplegic substances, etherexygen intra-arterial narcosis, curare-like relaxants, and controlled respiration simultaneously with quick warming up in warm-water bath and intravenous administration of glucose and ascorbic acid.

A case is described in which a patient was found under snow, where he had lain for 10 hours at 18°C. The following temperatures were recorded: subaxillary 22, oral 24, and rectal 27°C. The patient was discorded after 82 days in good condition as a result of the method of the charged above. (Vestnik Khirurgii, No 4, Apr 57, pp 98-100) therapy described above.

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VOLKOV, A.A., dotsent

Determining the moment of friction between a drilling tool and a working face. Izv. vys. ucheb. zav.; gor. zhur. no.6: 68-73 '61. (MIRA 16:7)

1. Khar'kovskiy gornyy institut. Rekomendovana kafedroy avtomatizatsii proizvodstvennykh protsessov. (Boring)

VOLIKOV, A.A., dotsent

Muscle relaxants in the setting of traumatic dislocations.

Vest.khir. no.1:118-123 *62. (MIRA 15:1)

1. Iz kliniki voyemo-polevoy khirurgii (nach. - prof. A.N. Berkutov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(MUSCLE RELAXANTS) (DISLOCATIONS)

VOLIKOV, A.A., kand.med.nauk (Leningrad, K-9, Lesnoy pr.4, kv.65)

Surgical use of neuroplegic drugs combined with anesthetic methods.

Nov.khir.arkh. no.5:13-21 S-0 '59. (MIRA 13:3)

1. Kafedra voyenno-polevoy khirurgii (nachal'nik - prof. A.N. Berkutov) Voyenno-meditsinskoy akademii imeni S.M. Kirova. (AUTONOMIC DRUGS) (ANESTHESIA)

VOLIKOV, A.A., kand. med. nauk (Leningrad, Leanoy pr. 4, kv. 65)

Use of neuroplegic drugs in conjunction with anesthetics in surgery. Vest. khir. 82 no.6:101-109 Je '59. (MIRA 12:8)

1. Iz kliniki voyenno-polevoy khirurgii (nach. - prof. A.N. Berkutov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova. (AUTONOMIC DRUGS) (ANESTHETICS)

BERKUTOV, A.N., polkovnik med. sluzhby, prof.; VOLIKOV, A.A., pedpolkovnik med. sluzhby, kand. med. nauk; SMETANIN, L.A., mayor med. sluzhby

Potentiated anesthesia and hypothermia under clinical conditions and the possibility of using them under field conditions. Voen. med. zhur. no.1:50-56 Ja '57

(ANESTHESIA, potentiated, in clin. & military field cond. (Rus))

(HYPOTHERMIA, in surg. in clin. & military field cond. (Rus))

(MEDICINE, MILITARY AND NAVAL, hypothermic & potentiated anesth. in military clin. & field cond. (Rus))

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BERKUTOV, A.N., prof.; VOLIKOV, A.A., kand. med. nauk

Potentiated anesthes is in emergency surgery and traumatology. Voen.
med. zhur. no.2:26-33 F '59.

(ANESTHESIA

potentiated anesth. in emergency surg. & traumatol. (Rus))

(WOUNDS AND INJURIES, surg.

anesth., potentiated, in traumatol. (Rus))

(EMERGENCIES

potentiated anesth. in emergency surg. (Rus))
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VOLIKOV, A.A., kand.med.nauk (Leningrad, pr.K.Marksa, d.3, kv.3); SKRIKOV, B.V.

Use of curarelike preparations in the reduction of traumatic dislocations. Vest.khir. 82 no.4:129-131 Ap 159.

1. Iz kliniki voyenno-polevoy khirurgii (nach. - prof. A.N. Berkutov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(CURARELIKE SUBSTANCES) (DISLOCATIONS)

VOLIKOV. A.A., podpolkovnik med. sluzhby, kand. med. nauk

Some problems in technics of intratracheal and potentiated anesthesia.

Voen.-med. zhur. no.6:38-47 Je '58. (MIRA 12:7)

(ANESTHESIA, ENDOTRACHEAL indic. & technic of admin. (Rus))

(ANESTHESIA potentiation, indic. & methods (Rus))

(HIBERNATION, ARTIFICIAL, (Rus))

(HYPOTHERMIA, (Rus))

USSR/Human and Amimal Physiology. Effects of Physical Factors.
Thermal Factor.

T-13

Abs Jour: Ref Zhur-Diol., No 12, 1958, 56168.

Author : Volikov, A. A.

Inst Title

: The Process of Reviving Human Beings from a Frozen

State.

Orig Pub: Vestn. khirurgii, 1957, 78, No 4, 98-100.

Abstract: No abstract.

Card : 1/1

VOLIKOV, a.a., kendidat meditsinskikh nauk (Leningrad, pr. Karla Harksa.

3. kv.3)

Treatment following prolonged exposure to freezing temperature.

Vest.khir. 78 no.4:98-100 Ap '57.

1. Iz kliniki voyenno-polevoy khirurgii (nach. - prof. A.N. Berkutov)

Voyenno-meditsinskoy ordena Lenina akademii im. S.M. Kirova.

(COLD injurtous effects.

freezing, management (Run))

EXCERPTA MEDICA Sec.9 Vol.11/11 Surgery hov 5.

Wolikov, A.A.

5706. VOLIKOV A. A. and FILIN V.I. Inst. of Milit.-Field Surg.; Inst. of Gen. Surg., Milit. Med. Acad., Leningrad. * Modern views on general narcotization in operations on organs in the abdominal cavity (Russian text) VESTN. KHIR. 1956, 77/8 (3-17) Tables 2 Illus. 62

Intratracheal anaesthesia with a mixture of ether and nitrous oxide was successfully used in 55 cases; muscle relaxants were simultaneously used in 335; potentiated narcosis in Ill and artificial hypothermia in 32. In potentiated narcosis patients received luminal (gardenal) and dimedrol (benadryl) the day before. One hour prior to anaesthesia an i.m. injection of a 'flowing cocktail' consisting of aminazin, dimedrol and lidol (dolocal) was given, followed, 15-30 min. afterwards, by a s. c. injection of atropine or scopolamine and pantopon. All the drugs were used in average therapeutic doses. Intubation was carried out under deep ether or pentothal anaesthesia. Hypothermia was induced by cooling the patients in a cold water bath under deep potentiated anaesthesia and extensive use of muscle relaxants. The authors consider artificial hypothermia the most effective, but at the same time dangerous, method. However, even with artificial hypothermia it is essential to block the reflex zones with the aid of novocaine. The following complications were observed during hypothermia: pulse arrhythmia in 7 cases, rigor and clonus of striped muscle in 8 cases, hyperthermia in 3 cases. Potassium chloride, vit. B1, muscle relaxants and pyramidon were used for prophylaxis and treatment of these complications. Seven patients who had been subjected to cooling developed pneumonia in the postoperative period, 2 developed peritonitis, one had a gastric haemorrhage and one thrombosis of the inferior vena cava. No complications were encountered in cases with potentiated anaesthesia. The authors are of the opinion, that potentiated anaesthesia best meets the requirements of abdominal surgery. Shanin - Leningrad References 28.

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ETA(s)-2/E Na S/0129/64/000/010/0039/004P JD/HM/HW/JG/WB [JP(c) ACCESSION NR: AP4047509 AUTHCR: Shapiro, M. B.; Volikova, I. G. TITLE The titanium-carbon ratio in stainless steels SCURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 10, 1964, TOPIC TAGS: intercrystalline corrosion, titanium carbide, carbide dissociation, chrom um carbide, titanium carbon ratio ABSTRACT: The hardening temperature greatly affects the tendency of steel to intego vstalline corrosion. The dissolution of titanium carbide in a solid solution is accompanied by a complete temperature-dependent carbide dissociation, its defree increasing at elevated temperatures which, in turn, promotes carbon and tivanium concentrations in the solid solution. The titanium content in the solid solution increases as carbon decreases. If the entire carbon were to be bound into titanium carbide, the Ti-C ratio must be the greater, the higher the hardeling temperature (see Fig. 1 of Enclosure). In 25% Cr steel, intercrystalline

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L 36193-65 ACCESSION NR: AP4047509

3

corrosion is absent after hardening from 1150C and holding for 5 minutes with a Ti-C ratio exceeding 7. An increase in the temperature to 1200C requires a higher Ti-C ratio. Stabilizing annealing of them the 870 to 900C range is recommended since the dissociation of utanium surbide is smaller than the dissociation of chromatic aris, he will in the steel where the stability of the product of the steel. Orig. art. has: 1 figure and 3 equations.

ASSOCIATION: NIIKhIMMASh

SUBMITTED: 00

Cord2/:

ENCL: 01

SUE CODE MM

NR RUF SOV: 004

OTHER: 001

